

Samsung QE85QN900FTXXU TV 2.16 m (85") 8K Ultra HD Smart TV Wi-Fi Black

Brand : Samsung

Product code: QE85QN900FTXXU

Product name : QE85QN900FTXXU

- 8K AI Upscaling & NQ8 AI Gen2 Processor: Powerful AI transforms your content into 8K, regardless of the content¹
 - Neo Quantum HDR 8K Pro now Glare Free: See every detail with our brightest whites, deep blacks and cutting contrast - glare free⁵
 - Dolby Atmos® with Object Tracking Sound+: Get wrapped up in 8-speaker sound that moves with the action
 - Metal Frame Design & Art Store: Elegantly framed with Art Store for striking display - on or off
 - AI Motion Enhancer Pro and Motion Xcelerator 165Hz¹¹: AI delivers ultra-smooth motion and virtually no lag or blur for sports and gaming
- 85" Neo QLED QN900F 8K Vision AI Smart TV (2025)
Samsung QE85QN900FTXXU. Display diagonal: 2.16 m (85"), Display resolution: 7680 x 4320 pixels, HD type: 8K Ultra HD, Display technology: Neo QLED, Screen shape: Flat. Smart TV. Motion interpolation technology: Motion Xcelerator. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	2.16 m (85")	Common interface (CI) *	✓
HD type *	8K Ultra HD	Common interface Plus (CI+) *	✓
Display technology *	Neo QLED	HDMI ports quantity *	4
Screen shape *	Flat	Consumer Electronics Control (CEC)	Anynet+
Motion interpolation technology *	Motion Xcelerator	Management features	
Native refresh rate	100 Hz	Voice control	✓
Display resolution *	7680 x 4320 pixels	Electronic Programme Guide (EPG)	✓
Anti-glare screen	✓	Auto power off	✓
TV tuner		Works with Amazon Alexa	✓
Tuner type *	Analog & digital	Works with the Google Assistant	✓
Smart TV		Works with Samsung Bixby	✓
Smart TV *	✓	Power	
Internet TV *	✓	Power consumption (typical) *	162 W
Operating system installed *	Tizen	Power consumption (standby) *	0.5 W
Operating system version	Tizen	Power consumption (max)	520 W
Screen mirroring	✓	Energy efficiency class (SDR) *	G
Apple AirPlay 2 support	✓	Energy efficiency class (HDR) *	G
Far-field voice interaction	✓	Energy consumption (SDR) per 1000 hours *	162 kWh
Video apps	Samsung TV Plus	Energy consumption (HDR) per 1000 hours *	372 kWh
Audio		Energy saving mode	✓
RMS rated power *	70 W	Technical details	
Audio output channels	4.2.2 channels	Sound technology	Dolby Atmos, OTS+, Q-Symphony, Adaptive Sound Pro, 360 Audio
Sound modes	Adaptive Sound Pro, Surround	Processor	NQ8 AI Gen2 Processor
Adaptive sound	✓		
Q-Symphony	✓		
Active voice amplifier (AVA)	✓		

Audio		Weight & dimensions	
Enhanced Audio Return Channel (eARC)	✓	Width (with stand)	1906.8 mm
Audio system	Dolby Atmos	Depth (with stand)	369 mm
Network		Height (with stand)	1125.4 mm
Wi-Fi *	✓	Weight (with stand)	46.2 kg
Bluetooth *	✓	Width (without stand)	1906.8 mm
Bluetooth version	5.3	Depth (without stand)	39.5 mm
Ethernet LAN *	✓	Height (without stand)	1087.8 mm
Miracast	✗	Weight (without stand)	45.5 kg
Design		Packaging data	
Product colour *	Black	Manual	✓
Colour name	Titan Black	Package weight	57.7 kg
VESA mounting *	✓	Package width	2070 mm
Panel mounting interface	600 x 400 mm	Package depth	178 mm
Introduction year	2025	Package height	1200 mm
Performance		Package weight	57.7 kg
High Dynamic Range (HDR) technology	HDR 10+, High Dynamic Range 10+ Adaptive (HDR10 Plus Adaptive), High Dynamic Range 10+ Gaming (HDR10 Plus Gaming), Neo Quantum HDR 8K Pro	Packaging content	
Game mode	✓	Cables included	AC
Subtitles function	✓	Remote control included	✓
High Dynamic Range (HDR) supported *	✓	Remote control type	TM2360E (UK, Italy Add TM1240A)
Game features	Auto Low Latency Mode (ALLM), Game Bar, Game Motion Plus, Gaming Hub, HGiG, Mini Map Zoom, Super Ultra Wide Game View, Surround Sound, Variable Refresh Rate (VRR)	Other features	
4K Ultra HD upscaling	✓	Annual energy consumption	225 kWh
SmartThings app support	✓	Aerial input	DVB-T2CS2 x2
Ports & interfaces		HDMI	✓
Audio Return Channel (ARC)	✓	Country of origin	Slovakia
Ethernet LAN (RJ-45) ports	1	Stand	Round Feet
Digital audio optical out	1	Brand-specific features	NQ8 AI Gen2 Processor, 8K AI Upscaling, Glare Free, Neo Quantum HDR 8K Pro*, Quantum Matrix Technology PRO, Dolby Atmos®, Metal Frame Design, AI Motion Enhancer, Object Tracking Sound+, Motion Xcelerator 165Hz, PANTONE Validated, Samsung Q-Symphony, Smart TV powered by Tizen OS*, Gaming Hub, AI Sound Pro, Samsung TV Plus, Samsung Knox Security, SmartThings, Colour Booster Pro, Real Depth Enhancer Pro, Auto HDR Remastering, True 8K Resolution, Supersize Picture Enhancer, AI Auto Game Mode, Game Bar, AI Mode, AI Customisation Mode, SolarCell Remote, Slim Fit Wall-Mount Compatible, FreeSync Premium Pro, Universal Gesture, Generative Wallpaper, SmartThings Calibration Pro, Auto Game Mode (ALLM), AI Energy Mode, Multi View (up to 4), Multiple Voice Assistants, Samsung Health*
RF ports quantity	1		



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